

INTERNATIONAL SEARCH REPORT

International Application No.
PCT/JP2004/011642

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C23C18/18 C23C18/32 C23C18/31 C25D5/48

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C23C C25D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 511 614 A (GREESON ET AL) 16 April 1985 (1985-04-16)	1-12, 18-29, 36-38
Y	column 1, lines 58-62; claims 1,5 column 3, lines 26-33 column 4, lines 48-53 column 5, lines 38-43,62-68; example 1	13-17, 30-35
X	EP 0 317 838 A (ANRITSU CORPORATION) 31 May 1989 (1989-05-31) page 12, lines 42-50; claim 12	8-12, 25-29, 36,38
X	US 4 233 107 A (JOHNSON, SR. ET AL) 11 November 1980 (1980-11-11) claims 1,8	8-12, 25-29, 36,38

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search

15 February 2005

Date of mailing of the international search report

22/02/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	PATENT ABSTRACTS OF JAPAN vol. 011, no. 106 (C-414), 3 April 1987 (1987-04-03) & JP 61 253383 A (TOKAI RIKA CO LTD), 11 November 1986 (1986-11-11) cited in the application abstract	8-12, 25-29, 36, 39
Y	PATENT ABSTRACTS OF JAPAN vol. 015, no. 227 (C-0839), 10 June 1991 (1991-06-10) & JP 03 068785 A (OKUNO SEIYAKU KOGYO KK), 25 March 1991 (1991-03-25) abstract	8-12, 25-29, 36-39
Y	& DATABASE WPI Section Ch, Week 199123 Derwent Publications Ltd., London, GB; Class M13, AN 129282 & JP 03 068785 A (OKUNO SEIYAKU KOGYO KK) 25 March 1991 (1991-03-25) abstract	8-12, 25-29, 36-39
Y	US 5 718 745 A (ITOH ET AL) 17 February 1998 (1998-02-17) column 2, lines 27-56; claims 1-5, 7 column 5, lines 4-33	13-17, 30-34
Y	PATENT ABSTRACTS OF JAPAN vol. 018, no. 128 (C-1174), 2 March 1994 (1994-03-02) & JP 05 311466 A (HASHIMOTO KASEI KK; others: 01), 22 November 1993 (1993-11-22) abstract	35
A	PATENT ABSTRACTS OF JAPAN vol. 015, no. 313 (C-0857), 9 August 1991 (1991-08-09) & JP 03 115583 A (ANRITSU CORP), 16 May 1991 (1991-05-16) abstract	1-12, 18-29, 36, 38